



MINIMUM ERROR OF CLOSURE 1' IN 200

SOURCE OF ELEVATION A.V. Criss Well No 1 Wood Permit

No 529 Elev 600.5

New Location Drill Deeper Abandonment

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 6 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA."

Company McCullough Oil & Gas Corp

Address P.O. Box 625 Parkersburg, W. Va.

Farm Dr. Randall Connolly

Tract _____ Acres 2.8 Ac Lease No. _____

Well (Farm) No. ONE Serial No. _____

Elevation (Spirit Level) 599.4

Quadrangle Parkersburg - NE SE

County Wood District Parkersburg

Engineer J. F. Johnston

Engineer's Registration No. 2492

File No. _____ Drawing No. _____

Date April 20, 1966 Scale 1" = 100'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON

WELL LOCATION MAP
FILE NO. Woo-531

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well **Oil** (KIND)

39-30
9-2
Quadrangle Parkersburg
Permit No. W00-531

WELL RECORD

Company McCullough Oil & Gas Co.
Address Box 625, Parkersburg, W. Va.
Farm Dr. Randell Connally Acres 30
Location (waters) _____
Well No. 1 Elev. _____
District Parkersburg County Wood
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16		69	
13			Size of
10			Depth set
8 1/4			
6 3/4			
5 3/16		1,925	Perf. top 1,879 2/8
4 1/2			Perf. bottom 1,892)
3			Perf. top
2			Perf. bottom
Liners Used			

Drilling commenced 4-21-66
Drilling completed 5-27-66
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil 22 _____ bbls., 1st 24 hrs.

Attach copy of cementing record.
CASING CEMENTED 411720 SIZE 1,900 No. Ft. 6-4-66 Date
Amount of cement used (bags) _____
Name of Service Co. Lawson Cementing
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) Approx. 1,000 bbl. water & 30,000 lbs. sand injected into the perforations with an IP of 3,200 lbs.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 22 bopd
ROCK PRESSURE AFTER TREATMENT 625 lbs. HOURS _____
Fresh Water 58 Feet _____ Salt Water 1,470 Feet _____
Producing Sand Berea Depth 1,875-1,895

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow		0	50			
Shale	Red		50	265			
Shale	Brown		265	280			
Slate	White		280	300			
Shale	Redd		300	355			
Slate	White		355	385			
Shale	Red		385	432			
Shale	Brown		432	453			
Shale	Red		453	485			
Lime			485	540			
Slate	White		540	568			
Shale	Brown		568	576			
Slate	White		576	610			
Sand			610	665			
Slate	White		665	685			
Shale	Red		685	703			
Slate	White		703	735			
Shale	Red		735	775			
Shale	Pink		775	790			
Shale	Red		790	838			
Slate	White		838	870			
Shale	Red		870	892			
Slate	White		892	903			
Sand			903	914			
Slate							
Shells			914	958			
Sand			958	975			
Slate	Black		975	1,025			
Shale	Brown		1,025	1,048			

RECEIVED
NOV 26 1971
OIL & GAS DIVISION
DEPT. OF MINES

Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand			1,048	1,055			
Slate	White		1,055	1,090			
Sand			1,090	1,125			
Slate	White		1,125	1,165			
Sand			1,165	1,220			
Shale	Black		1,220	1,255			
Slate	White		1,255	1,475			
Sand	1,475		1,475	1,550			
Slate	Black		1,550	1,612			
Lime			1,612	1,637			
Slate	Black		1,637	1,643			
Sand			1,643	1,760			
Slate	Black		1,760	1,875			
<u>Berea</u>			1,875	1,895			
Shale			1,895	1,925			

Date October 30, 19 71

APPROVED W. J. M. Callahan, Owner

By W. J. M. Callahan (Title)